

Work Order ID 86880

July-09-12 9:13:56 AM

86880

Page 1

Item ID: D3484-042

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Tail Light Fairing Assembly, RH

Start Date: 7/09/12 Start Qty: 10.00

10

Cust Item ID:

Required Date: 7/27/12 Req'd Qty: 10.00

10

Customer:

Reference:

Approvals:

Process Plan: PDate: 120710

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3484	Rev F								
100		0.00							
100									
Purchasing	Memo	0.00							
Purchasing	Issue P/O: <u>17401</u>								
	Make as per Dwg D3484								
	Material release note is required								
110	Receive & Inspect for Damage & Mat'l Certs	0.00							
110									
Packaging	Memo	0.00							
Packaging									
115	Weld per dwg A/R Aluminum rod Batch: _____	0.00							
115									
Large Fab	Memo	0.00							
Large Fab	***Touch up weld if necessary***								

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 86880

86880

Page 2

July-09-12 9:13:56 AM

Item ID: D3484-042 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Tail Light Fairing Assembly, RH
 Start Date: 7/09/12 Start Qty: 10.00 *10* Cust Item ID:
 Required Date: 7/27/12 Req'd Qty: 10.00 *10* Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start *NR1*
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120 *120* QC Quality Control	QC9- Inspect visual per QSI004- Fusion Welds Memo	0.00 0.00				10	0	12/08/21	DAS 8-89 18-89
130 *130* QC Quality Control	QC6- Inspect dimensions to drawing Memo	0.00 0.00				(410)			DAS 16-89 12/08/21
140 *140* HandFinish Hand Finishing	Chemical Conversion Coat per QSI005 4.1 Memo	0.00 0.00				10		76128.22	

W/O:		WORK ORDER CHANGES					
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NOTE: Date & initial all entries

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86880

Page 3

Item ID: D3484-042 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Tail Light Fairing Assembly, RH
 Start Date: 7/09/12 Start Qty: 10.00 ***10*** Cust Item ID:
 Required Date: 7/27/12 Req'd Qty: 10.00 ***10*** Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
150	QC3- Inspect Part Finish	0.00							
150									
QC	Memo	0.00				10			12/08/23
Quality Control									
160		0.00							
160									
Small Fab	Memo	0.00				10	0		FF 12-08-23
Small Fab	1-Install Nut Plates as per Dwg D3484								
170	QC5- Inspect part completeness to step on W/O	0.00							
170									
QC	Memo	0.00							
Quality Control									

DAS
16
9-83 12/08/23

110
RH

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Page 4

July-09-12 9:13:56 AM

Item ID: D3484-042 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Tail Light Fairing Assembly, RH
 Start Date: 7/09/12 Start Qty: 10.00 *10* Cust Item ID:
 Required Date: 7/27/12 Req'd Qty: 10.00 *10* Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start *NR1*
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
180	White Gloss(Ref:4.3.5.1) per QSI005 4.3-Alum	0.00							
180									
Powdercoat									
Powder Coating									
M121841	Memo	9:15							M-F
	START TIME: 3200	0.00							12/08/29
	OVEN TEMPERATURE: 3200								
	FINISH TIME: 9:45								
190	QC3- Inspect Part Finish	0.00							
190									
QC									
Quality Control	Memo	0.00							10 12/8/29
200		0.00							
200									
Packaging									
Packaging	Memo	0.00							
	Identify as per dwg and Stock								
	Location: _____								
	Identify on inside surface as indicated								
	TCCA-PDA,DART AEROSPACE LTD								
	P/N:D412-750-142 B/N:BXXXXX								
	FOR PRODUCT ELIGIBILITY SEE PDA06-13 ✓								

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Page 5

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 Revision ID: Stop ***NS2***
 Item Name: Tail Light Fairing Assembly, RH
 Start Date: 7/09/12 Start Qty: 10.00 ***10*** Cust Item ID:
 Required Date: 7/27/12 Req'd Qty: 10.00 ***10*** Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
210	QC5- Inspect part completeness to step on W/O	0.00							
210									
QC	Memo	0.00							
Quality Control									
220	QC21- Final Inspection - Work Order Release	0.00							
220									
QC	Memo	0.00							
Quality Control									

DAS
16
8-05

12/09/05

12
RH

MLJ 12/08/30

MF
12-08-30

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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NOTE: Date & initial all entries

Picklist Print

July-09-12 9:13:56 AM

Page 1

Work Order ID: 86880

Parent Item: D3484-042

Start Date: 7/09/12

Required Date: 7/27/12

Parent Item Name: Tail Light Fairing Assembly, RH

Start Qty: 10.00

Required Qty: 10.00

Comments: IPP Rev:A New Issue 06-05-23 EC
IPP Rev:B 08-01-24 chg rivet for CR1122-3-025 DD vef:EC IPP Rev:C 11.03.07 added weld
touch up DD vef:EC

Component Item ID/ Item Name	Replacement Item ID	Mig/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3484-042P Tail Light Fairing		Purchased	No			110	Each	0.0000	1	10	10	FF 12-08-23	
CR1122-3-02.5 RIVET		Purchased	No			160	Each	38.0000	4	40	10	FF 12-08-23	
				<u>Location</u>		<u>Loc Qty</u>	<u>Loc Code</u>						
				ST331		38				40			
				118677		38							
MS21069-04 ANCHOR NUT		Purchased	No			160	Each	26.0000	2	20	10	FF 12-08-23	
				<u>Location</u>		<u>Loc Qty</u>	<u>Loc Code</u>						
				ST302		26				20			
				116823		26							

W/O:		WORK ORDER CHANGES					
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

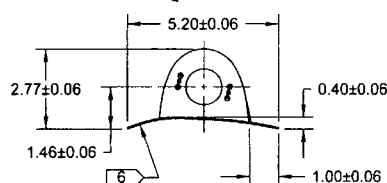
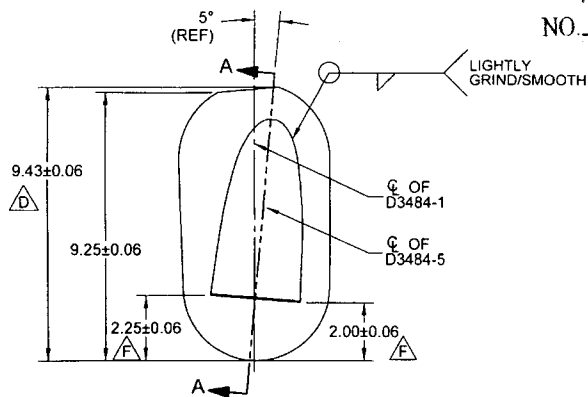
NOTE: Date & initial all entries

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE

WORK ORDER

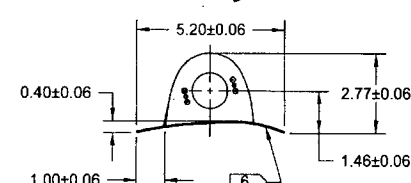
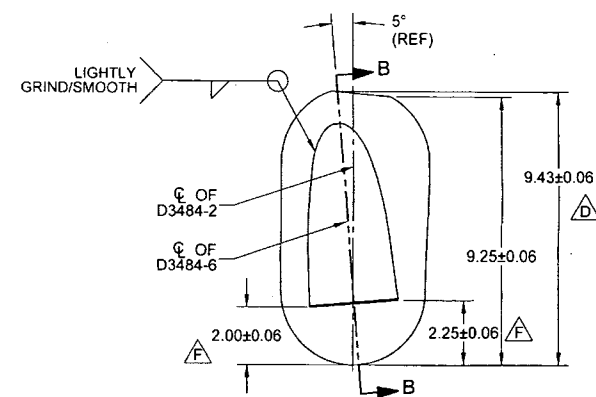
NO. 80880

QTY -041	QTY -042	P/N	DESCRIPTION
X		D3484-041	TAIL LIGHT FAIRING ASSEMBLY (LH)
	X	D3484-042	TAIL LIGHT FAIRING ASSEMBLY (RH)
1		D3484-1	BASE (LH)
1		D3484-2	BASE (RH)
1		D3484-3	FACE (LH)
1		D3484-4	FACE (RH)
1		D3484-5	CONE (LH)
1		D3484-6	CONE (RH)
4	4	CR1122-3-02.5	RIVET
2	2	MS21069-04	ANCHOR NUT



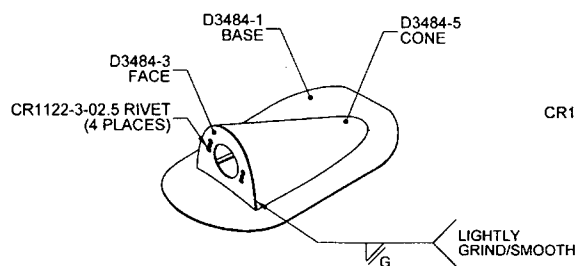
SECTION A-A

D3484-041 TAIL LIGHT FAIRING

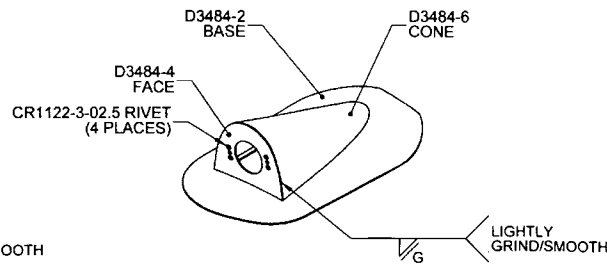


SECTION B-B

D3484-042 TAIL LIGHT FAIRING



D3484-041 ISOMETRIC VIEW



D3484-042 ISOMETRIC VIEW

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) WELDING: PER DART QSI 004
- 6) IDENTIFICATION: IDENTIFY ON INSIDE SURFACE AS INDICATED WITH WHITE LABEL:
"TCCA-PDA, DART AEROSPACE LTD., P/N D412-750-141/-142 B/N BXXXXX, FOR PRODUCT ELIGIBILITY SEE PDA06-13"
- 7) WEIGHT: 0.30 lbs

RELEASED
9/24/2004

F	UPDATE MATERIAL SPEC. ADD 6061-0, ZN A7-2, A7-3, B3-4, UPDATE DIMENSIONS ZN C1-1, C2-1, C7-1, C8-1 UPDATE WELDING NOTE ZN A3-1, A6-1	09.03.31
E	RE-DRAWN/REFORMAT TO SHOW LH AND RH CONFIGURATIONS FOR CLARITY, CORRECT VIEWS ON SHEET 3 & 4 (WAS SHOWING MIRROR IMAGE OF PARTS); DIM 1.560 WAS 1.563 (SHEET 3, ZONE B4); CR1122-3-02.5 RIVET WAS MS20426AD3-3 RIVET	MB 08.01.03
D	CORRECT D3484-1F	MB 06.06.22
C	RE-DESIGN D3484-3F/-5F	MB 06.04.20
B	RE-DESIGN	MB 06.02.21
A	NEW ISSUE	MB 05.11.29
REV.	DESCRIPTION	BY DATE
DESIGN		
DRAWN		
CHECKED		
MFG. APPR.		
APPROVED		
DE APPR.		
DATE	09.03.31	
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
DRAWING NO. D3484		
TITLE TAIL LIGHT FAIRING		
REV. F SHEET 1 OF 4 SCALE 1:4		
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Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

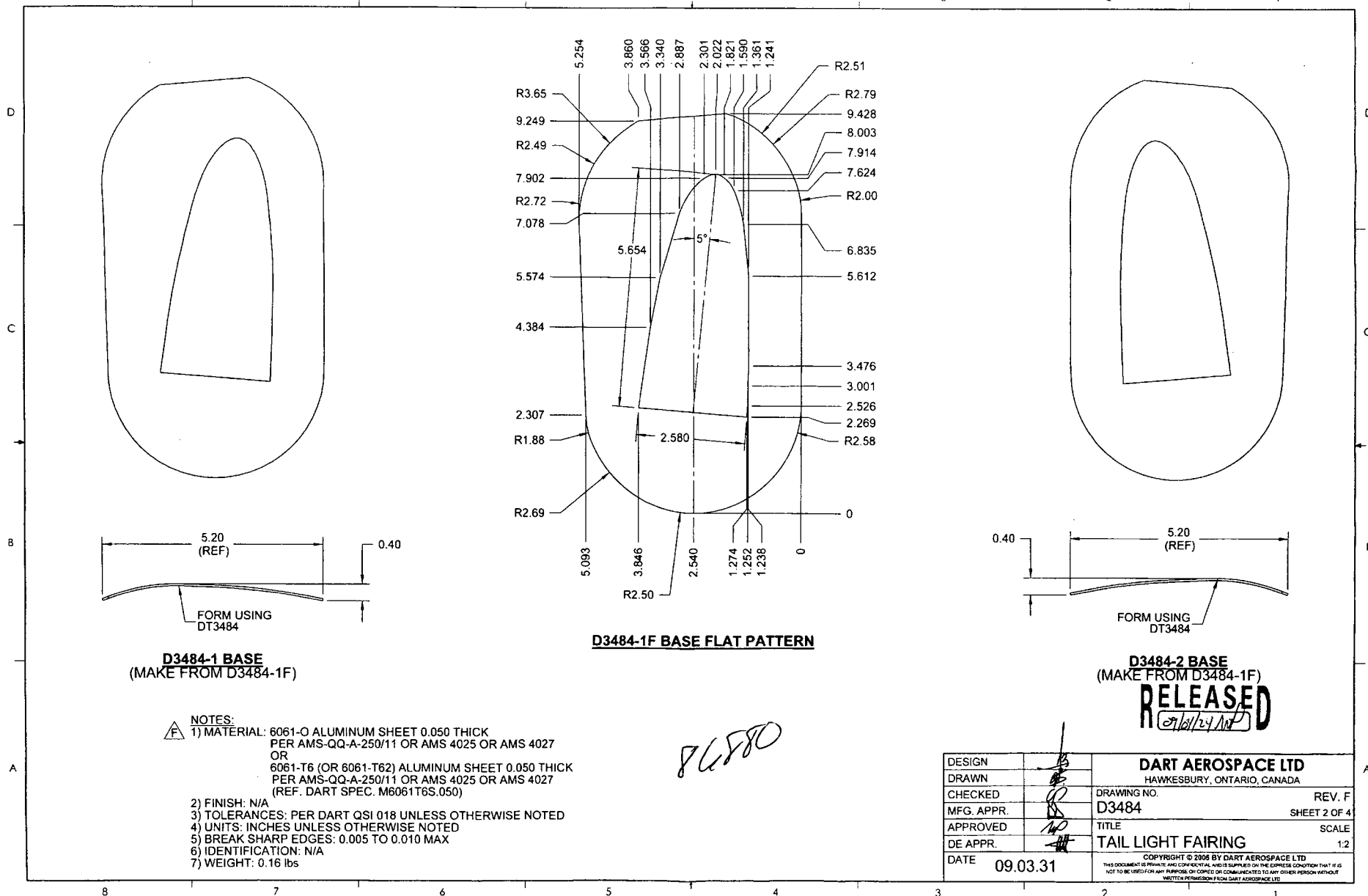
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Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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NOTE: Date & initial all entries

8 7 6 5 4 3 2 1



Dart Aerospace Ltd

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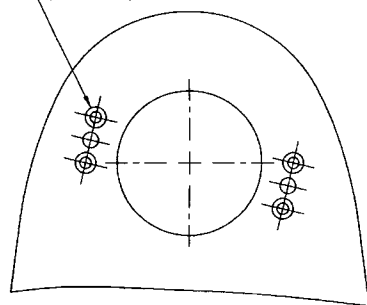
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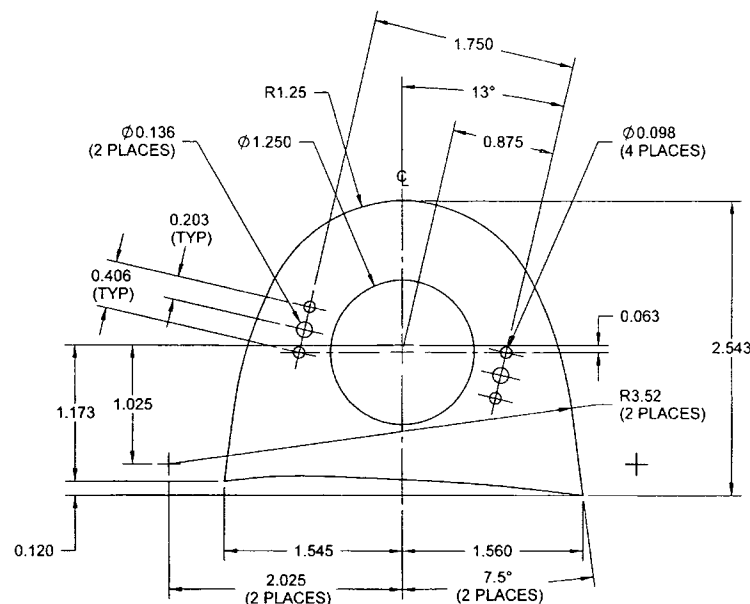
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

C'SINK
 $\phi 0.181 \times 100^\circ$
 (4 PLACES)

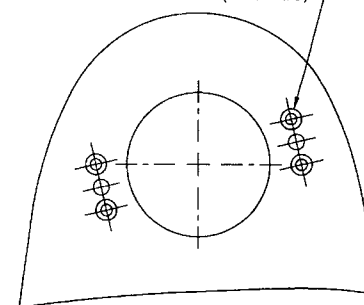


D3484-3 FACE
 (MAKE FROM D3484-3F)



D3484-3F FLAT PATTERN TAIL LIGHT FAIRING

C'SINK
 $\phi 0.181 \times 100^\circ$
 (4 PLACES)



D3484-4 FACE
 (MAKE FROM D3484-3F)

- NOTES:**
- 1) MATERIAL: 6061-O ALUMINUM SHEET 0.050 THICK
 PER AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027
 OR
 6061-T6 (OR 6061-T62) ALUMINUM SHEET 0.050 THICK
 PER AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027
 (REF. DART SPEC. M6061T6S.050)
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: N/A
 - 7) WEIGHT: 0.02 lbs

86580

RELEASED
 09/03/31

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO. D3484	REV. F
MFG. APPR.			SHEET 3 OF 4
APPROVED		TITLE	SCALE
DE APPR.		TAIL LIGHT FAIRING	1:1
DATE	09.03.31	COPYRIGHT © 2005 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE UNDERSTANDING THAT IT IS NOT TO BE USED FOR ANY PURPOSES OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD	

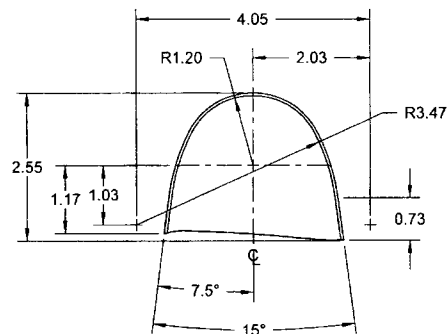
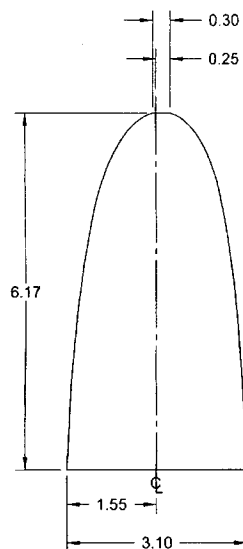
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

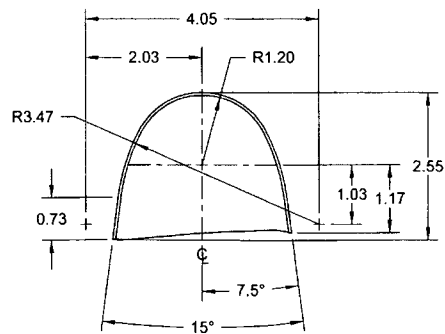
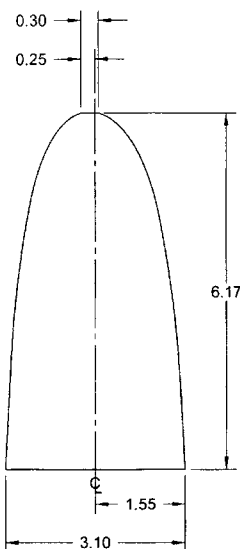
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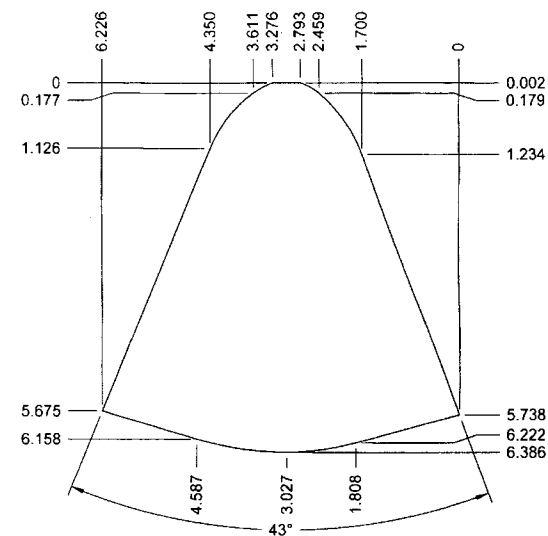
NOTE: Date & initial all entries



D3484-5 CONE
(MAKE FROM D3484-5F)



D3484-6 CONE
(MAKE FROM D3484-5F)









D3484-5F CONE FLAT PATTERN

NOTES:

- 1) MATERIAL: 6061-O ALUMINUM SHEET 0.050 THICK
PER AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027
OR
6061-T6 (OR 6061-T62) ALUMINUM SHEET 0.050 THICK
PER AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027
(REF. DART SPEC. M6061T6S.050)
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.11 lbs

RELEASED
09/04/24 MW

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. F
MFG. APPR.		D3484	SHEET 4 OF 4
APPROVED		TITLE	SCALE
DE APPR.		TAIL LIGHT FAIRING	1:2
DATE	09.03.31	COPYRIGHT © 2005 BY DART AEROSPACE LTD	
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FL880

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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NOTE: Date & initial all entries



180 AVENUE LABROSSE
POINTE-CLAIRE, QC, CANADA H9R 1A1
TÉL.: (514) 630-4877 - FAX: (514) 630-4849

est une division de Thomas & Betts Fabrication Inc. / GFI is a division of Thomas & Betts Manufacturing Inc.



BON DE LIVRAISON / SHIPPING MEMO

DATE DE LIVRAISON / SHIPPING DATE			N° DE BON DE LIVRAISON SHIPPING MEMO NO.	PAGE
JR - DY	MO - MO	AN - YR		
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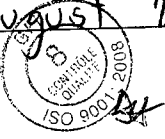


NDU À / SOLD TO

EXPÉDIÉ À / SHIP TO

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON
K6A 1K7

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON
K6A 1K7

CODE DE CLIENT CUSTOMER CODE		N° DE CONTRAT JOB NO.	VOTRE N° DE COMMANDE YOUR PURCHASE ORDER NO.	EXPÉDIÉ PAR SHIP VIA		
DART		GFI-0299	PO17401			
QUANTITE QUANTITY	N° DE PIÈCE PART NO.		DESCRIPTION			
10	D3484042P		TAIL LIGHT FAIRING			
			CERTIFICATE OF CONFORMANCE REQ			
<p>MFG. JOB# <u>10253590-001</u> QTY <u>10 pcs</u></p> <p>DUE DATE: <u>07 August 2012</u></p> <p></p> <p><i>SP 12-8-16</i></p>						
EXPÉDITEUR SHIPPER				N° DE BON DE LIVRAISON SHIPPING MEMO NO.		

REÇU PAR / RECEIVED BY

DATE

TOUTES LES RÉCLAMATIONS DOIVENT ÊTRE FAITES EN DEDANS DE 5 JOURS DE LA RÉCEPTION.
ALL CLAIMS MUST BE MADE WITHIN 5 DAYS OF RECEIPT OF GOODS.

CERTIFICATE OF COMPLIANCE
CERTIFICAT DE CONFORMITE



Membre de / A Member of **Thomas & Betts**

180 LABROSSE AVENUE
POINTE CLAIRE, QC
H9R 1A1

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON K6A 1K7

CERTIFICATE NO. 7 OUR JOB NO. J0253590 SHIPPING MEMO 0494781

ITEM	QUANTITY	PURCHASE ORDER	PART NUMBER	REV	NAME	DWG ISSUE
<u>-</u>	<u>10 PCS</u>	<u>PO17401</u>	<u>D3484042P</u>	<u>F</u>	<u>TAIL LIGHT FAIRING</u>	<u>F</u>
MATERIAL		SUPPLIED BY		MAT. REL. NO.		
<u>AL 6061-T0 (AMS-QQ-A-250/11)</u>		<u>TW METALS / KAISER ALUMINUM</u>		<u>534454A4</u>		

	PROCESS	PROCESSOR	RELEASE NOTE #
1	<u>FIRST ARTICLE INSPECTION REPORT ON FILE</u>	<u>GFI</u>	<u>N/A</u>
2	<u>REF. GFI MANUFACTURING JOB NUMBER J0239350-001 (10 PCS)</u>		
3			
4			
5			
6			
7			
8			
9			

WE HEREBY CERTIFY ALL THE PARTS COVERED BY THIS CERTIFICATE HAVE BEEN MANUFACTURED FROM MATERIAL SUPPLIED ON RELEASE NOTE SHOWN ABOVE AND THAT ALL PARTS HAVE BEEN INDIVIDUALLY INSPECTED AND CONFORM TO THE DRAWINGS AND PURCHASE ORDER REFERENCED ABOVE.

DATE 15 AUGUST 2012

G.F.I. Q.C. REP. [Signature]





PACKING SLI

ORDER NO.: 70461145 FROM: ATLA PAGE 1

CUST NUMBER: 1203148 NET WGT: 68.660 REQ.DATE: 11/18/11 CONFIRMED
SOLD TO: SHIP TO:
GFI INC GFI INC
180 AVE. LABROSSE 180 AVE LABROSSE
POINTE CLAIRE QC PIONTE CLAIR QC
CANADA CN H9R 1A1 CANADA CN H9R 1A1

SALESPERSON: DEANNA PIMM DISTRICT: ATLANTA
TERMS: 1% 10 NET 30 VIA: ROADWAY EXPRES
F.O.B.: SHIPPING POINT FREIGHT: COLLECT
CUST ORD NO.: 0079522 RELEASE NO.:
RECEIVING PHONE: 514 630-4877
WIDTH LENGTH

LINE ITEM DESCRIPTION

0001 76409 60610 ALM SHT STENCILLED .0500 48 144
QTY: 2.000 EA WT: 68.660 PC: 2 SEP: 68.660 LB
PART#: AS05148144PM

** 1 TEST REPORTS REQUIRED **

** 1 CERTS REQUIRED **

ECCN: EAR99 Export License: NLR Expiration Date: 0/00/00
PO:49245464 HT:534454A4 PC: 2 SLB/CL:KAISER* 34.33# EA*
MLT:UNITED STATES MFG:UNITED STATES

SHIP VIA EMERY DEFERED ACCT# 543483804 OR YELLOW COLLECT
CLEAR CUSTOMS THRU CONSIGNEE'S BROKER: DHL GLOBAL FORWARDING

PAGE TWO



PACKING SLIP

ORDER NO.: 70461145 FROM: ATLA PAGE 2

CUST NUMBER: 1203148 NET WGT: 68.660 REQ.DATE: 11/18/11 CONFIRMED
SOLD TO: SHIP TO:
GFI INC GFI INC
180 AVE. LABROSSE 180 AVE LABROSSE
POINTE CLAIRE QC PIONTE CLAIR QC
CANADA CN H9R 1A1 CANADA CN H9R 1A1

SALESPERSON: DEANNA PIMM DISTRICT: ATLANTA
TERMS: 1% 10 NET 30 175 TUBEWAY
F.O.B.: SHIPPING POINT FOREST PARK GA 30297
CUST ORD NO.: 0079522
VIA: ROADWAY EXPRES
FREIGHT: COLLECT
RELEASE NO.:
RECEIVING PHONE: 514 630-4877

"TW Metals MSDS data is available on our web site at www.twmetals.com. MSDS data can be found under the Technical Resources Tab, Product Statistics & Data and the TW Metals MSDS's heading. If you do not have web site access you may telephone 610-458-1300 and we will mail or fax a copy of our current MSDS data to your location."

"CERTIFICATE OF CONFORMANCE"

"TW Metals certifies that the material supplied on this purchase order and contained in the heat/lot number referenced above has been manufactured, inspected, and tested in accordance with the material specification. These records are on file at TW Metals. Packaging material for shipments to Europe and China consists of manufactured wood products and complies with the European emergency measures for coniferous non-manufactured wood packing material"

Electronically Generated Certificate-Valid without signature Date: 11/16/11

These commodities have been exported from the United States in accordance with the U.S. export control laws, export administrations regulations. Diversion contrary to U.S. law prohibited.

THANK YOU FOR THIS ORDER

TERMS AND CONDITIONS APPLICABLE TO THE SALE OF THESE PRODUCTS ARE SET FORTH ON THE REVERSE SIDE FOR YOUR CAREFUL REVIEW.



PACKING SLIP

ORDER NO.: 70461145 FROM: ATLA PAGE 2

CUST NUMBER: 1203148 NET WGT: 68.660 REQ.DATE: 11/18/11 CONFIRMED
SOLD TO: SHIP TO:
GFI INC GFI INC
180 AVE. LABROSSE 180 AVE LABROSSE
POINTE CLAIRE QC PIONTE CLAIR QC
CANADA CN H9R 1A1 CANADA CN H9R 1A1

SALESPERSON: DEANNA PIMM DISTRICT: ATLANTA
TERMS: 1% 10 NET 30 175 TUBEWAY
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CUST ORD NO.: 0079522
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FREIGHT: COLLECT
RELEASE NO.:
RECEIVING PHONE: 514 630-4877

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THANK YOU FOR THIS ORDER

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SHIP TO:
TW METALS
1200 BLAKE DRIVE
WICHITA, KS 67219

**KAISER
ALUMINUM**

Trentwood Works - Spokane, WA 99215
Phone: (800) 367-2586

SOLD TO:
TW METALS INC
THE ARBORETUM
760 CONSTITUTION DRIVE
EXTON, PA 19341

CERTIFIED TEST REPORT

Serial Number
4214878

CUSTOMER PO NUMBER: M49245464		WORK PACKAGE:	CUSTOMER PART NUMBER: 76409		SHIP RUN/LOAD: 101963/6	GOVT CONTRACT NUMBER:
KAISER ORDER NO: 1108985	LINE ITEM: 1	SHIP DATE: 11-JAN-2011	ALLOY: 6061	CLAD: BARE	TEMPER: O	PRODUCT DESCRIPTION: HT Flat Sheet
WEIGHT SHIPPED: 8942 LB	QUANTITY: 261 PCS EST.	B/L NUMBER: 2030402	GAUGE: 0.0500 IN	DIAMETER/WIDTH: 48.000 IN		LENGTH: 144.000 IN

Certified Specifications

AMS 4025/RevL
CMMP 025/RevT

ASTM B 209/Rev07

CMMP 019/RevD

Test Code: 1925

Test Results

Lot: 534454A4 Cast 806

Drop 75

Ingot 1

ASTM E8/B557)
(EN 2002-1)

Tensile:	Temper	Dir / # Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
	O	LT / 2 (Min:Max)	19.2 : 19.2 (132 : 132)	7.3 : 7.4 (50 : 51)	27.8 : 28.5
	T42	LT / 2 (Min:Max)	36.5 : 37.7 (252 : 260)	17.4 : 17.8 (120 : 123)	23.1 : 23.9
	T82	LT / 2 (Min:Max)	50.1 : 51.1 (345 : 352)	41.7 : 43.8 (288 : 302)	13.1 : 13.6

(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual	0.73	0.6	0.32	0.08	1.0	0.19	0.12	0.02	0.01	0.00	TOT 0.05

ALLOY LIMITS

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER	MAX
6061 MIN	0.40	0.0	0.15	0.00	0.8	0.04	0.00	0.00	0.00	0.00	EACH	0.05
MAX	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.05	0.05	TOT	0.15

Aluminum Remainder

TW METALS
TEST REPORTS
JAN 14 2011
ACCEPTED BY

SHIP TO:

TW METALS
1200 BLAKE DRIVE
WICHITA, KS 67219

KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215
Phone: (800) 367-2586

SOLD TO:

TW METALS INC
THE ARBORETUM
760 CONSTITUTION DRIVE
EXTON, PA 19341

CERTIFIED TEST REPORT

Serial Number
4214878

CUSTOMER PO NUMBER: M49245464		WORK PACKAGE:		CUSTOMER PART NUMBER: 76409		SHIP RUN/LOAD: 101963/6		GOV'T CONTRACT NUMBER:	
KAISER ORDER NO: 1108985	LINE ITEM: 1	SHIP DATE: 11-JAN-2011	ALLOY: 6061	CLAD: BARE	TEMPER: O	PRODUCT DESCRIPTION: HT Flat Sheet			
WEIGHT SHIPPED: 8942 LB	QUANTITY: 261 PCS EST.	B/L NUMBER: 2030402	GAUGE: 0.0500 IN		DIAMETER/WIDTH: 48.000 IN		LENGTH: 144.000 IN		

Certified Specifications

AMS 4025/RevL
CMMP 025/RevT

ASTM B 209/Rev07

CMMP 019/RevD

Test Code: 1925

Test Results

Lot: 534454A4 Cast 806

Drop 75

Ingot 1

(ASTM E8/B557)

EN 2002-1)

Tensile:	Temper	Dir / # Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
	O	LT / 2 (Min:Max)	19.2 : 19.2 (132 : 132)	7.3 : 7.4 (50 : 51)	27.8 : 28.5
	T42	LT / 2 (Min:Max)	36.5 : 37.7 (252 : 260)	17.4 : 17.8 (120 : 123)	23.1 : 23.9
	T62	LT / 2 (Min:Max)	50.1 : 51.1 (345 : 352)	41.7 : 43.8 (288 : 302)	13.1 : 13.6

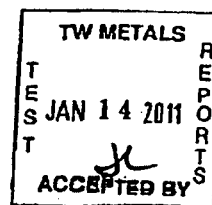
(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual	0.73	0.6	0.32	0.08	1.0	0.19	0.12	0.02	0.01	0.00	TOT 0.05

ALLOY LIMITS

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER	MAX
6061 MIN	0.40	0.0	0.15	0.00	0.8	0.04	0.00	0.00	0.00	0.00	EACH	0.05
MAX	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.05	0.05	TOT	0.15

Aluminum Remainder





Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO17401**

Purchase Order Date 7/10/2012

PO Print Date 7/10/2012

Page Number 1 of 1

Order From :

VC-GFI001

GFI
180 AVENUE LABROSSE
POINTE CLAIRE, QC H9R 1A1
CA

Contact Name		Buyer	Brigitte Golden
Vendor Phone	514 630 4877	Requisition Nbr	
Vendor Fax	514 630 4849	Tax Resale Nbr	10127-2607
Vendor Account Nbr		Terms	Net 30
		Currency	CAD
		FOB	Destination-Collect

Ship To : DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAXED
6/15/12

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	D3484-042P	Tail Light Fairing	7/31/2012 Yes	10.00 Each	FedEx Overnight	\$280.0000	\$2,800.00
		Special Inst:	As per DWG: D3484 Rev: F B86880 FORMED & WELD AS PER QSI 005 CHEMICAL CONVERSION, NUTPLATE AND POWDER COAT TO BE DONE AT DART				
2	D3484-041P	Tail light Fairing	7/20/2012 Yes	10.00 Each	FedEx Overnight	\$280.0000	\$2,800.00
		Special Inst:	As per DWG: D3484 Rev: F B86781 FORMED & WELD AS PER QSI 005 CHEMICAL CONVERSION, NUTPLATE AND POWDER COAT TO BE DONE AT DART				

PO Total: \$5,600.00

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required - YES NO

Change Nbr: 1

Change Date: 7/10/2012



180 Labrosse Av.
Pointe Claire, QC
H9R 1A1

TO:

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON
K6A 1K7

(CPO) PO#:

PO17401

(POI) ITEM#:

PACKAGE COUNT:

1 OF 1

(PNR) PART NUMBER:

D3484042P

(SHQ) QUANTITY:

10

PACKAGE WEIGHT:

(UNT) UNIT OF MEASURE:

EA

(PSN) PACKING SLIP #:

0494781

(COO) ORIGIN:

CA

(NAF) NAFTA:

(TRA) TRACEABILITY #:

J0252590-001